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S/564/61/003/000/003/029  
D228/D304

Growth of large...

$H_2SO_4$ , the dimensions of the growing crystal become smaller; any further increase in the acidity results in the mass-formation of parasitic crystals, while a reduction in the pH alters the crystal's external appearance: the isometric form is replaced by an elongated shape. In conclusion the authors assert that crystals weighing 1 kg can be grown by this method. Acknowledgement is also made to Z. I. Vorob'yeva and I. S. Ruda for their help in the experimental work. There are 5 figures and 5 references: 1 Soviet-bloc and 4 non-Soviet-bloc. The references to the English-language publications read as follows: B. T. Matthias, G. E. Miller, I. P. Remeika, Phys. Rev., 104, 1, 849, 1956; E. A. Wood, A. N. Holden, Acta crystallogr., 10, 145, 1957; Bell Lab. Rec., 35, 7, 271, 1957; I. M. Dion, Acta crystallogr. 12, 259, 1959.

Card 3/3

KOLDOBSKAYA R.M. and MEDNIKIAN G. A.

3714. Koldobskaya R.M. and Mednikian G.A. Changes in lysozyme activity of the saliva under the influence of pathological conditions and of materials used for prostheses Stomatologiya, Moscow 1949, 4 (46-50)

The average concentration of salivary lysozyme under normal oral conditions is 1 : 640 and its activity does not diminish until a dilution of 1 : 1280 is reached. At dilution 1:40,000 the activity totally disappears. In periodontic disease, caries etc. the activity of lysozyme diminishes and concentrations of 1:10 - 1:160 are required for activity. In presence of prosthetic material (gold, steel, plastic) the same conditions as observed in the pathological cases are valid. The activity of lysozyme has no relation to pH or viscosity of saliva.

Eggers Laura - Holbak

SO: Ercerpta Medica Section II Volume III No. 7

89504

S/043/60/000/001/010/014  
0 111/ 0 333

16.700

AUTHOR: Koldobskaya, T. G.

TITLE: Problem of an instationary motion which is little  
different from an automodel-motion

PERIODICAL: Leningrad. Universitet. Vestnik. Seriya matematiki,  
mekhaniki i astronomii, no. 1, 1960, 111-122

TEXT: The author considers plane and axialsymmetric instationary  
flows around a body which differs little from a wedge or a cone.  
Here she always makes the usual gas-dynamic assumptions, especially,  
she assumes that the motion is adiabatic and free of internal  
friction. In the first case (figure 1)

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8/043/60/000/001/010/014

Problem of an instationary motion . . . C 111/ C 333

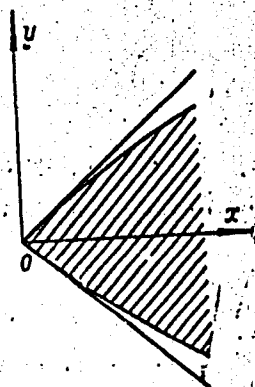


Fig. 1.

the author assumes that

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$$\left. \begin{aligned} u(x,y,t) &= u_0(x,y,t) + u_1(x,y,t); \\ v(x,y,t) &= v_0(x,y,t) + v_1(x,y,t); \\ p(x,y,t) &= p_0(x,y,t) + p_1(x,y,t); \\ \vartheta(x,y,t) &= \vartheta_0(x,y,t) + \vartheta_1(x,y,t), \end{aligned} \right\} \quad (1.2)$$

holds, where the  $u_1$ ,  $v_1$ ,  $p_1$ ,  $\vartheta_1$  and their first derivatives are small of first order compared with  $u_0$ ,  $v_0$ ,  $p_0$ ,  $\vartheta_0$ . Under this assumption the equations of the plane instationary gas motion are linearized. After having passed over to the variables

$\xi = \frac{x}{t}$ ,  $\eta = \frac{y}{t}$  the author obtains a linear system with variable coefficients, the solution of which is sought according to K. P. Stanyukovich (Ref.9: DAN SSSR, 112, 4, 595-598, 1957) in the form

$$\left. \begin{aligned} u_1(\xi, \eta, t) &= t^{\alpha-1} \bar{u}(\xi, \eta); & v_1(\xi, \eta, t) &= t^{\alpha-1} \bar{v}(\xi, \eta); \\ p_1(\xi, \eta, t) &= t^{\alpha-1} \bar{p}(\xi, \eta); & \vartheta_1(\xi, \eta, t) &= t^{\alpha-1} \bar{\vartheta}(\xi, \eta), \end{aligned} \right\} \quad (1.5)$$

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where  $\alpha \gg 1$  is a constant,  $\bar{u}$ ,  $\bar{v}$ ,  $\bar{p}$ ,  $\bar{g}$  are new unknowns. After having substituted (1.5) into the equations of motion, one obtains a system which does no longer contain  $t$  explicitly. Setting up the boundary conditions the author states that the set up (1.5) is justified only if the profile of the body flown around can be sufficiently exactly described by

$$y = tg \omega \cdot x + c_1 x^\alpha, \quad (1.7)$$

where  $c_1 x^\alpha$  is small. Furthermore, the surface of the strong discontinuity must have the form

$$y = tf(\xi) + t^\alpha \bar{\varphi}(\xi), \quad (1.9)$$

where  $\eta = f(\xi)$  is the equation of this surface for the main flow and  $t^\alpha \bar{\varphi}(\xi)$  is small. If all these assumptions are satisfied, then the boundary conditions on the wedge surface can be written down (since the deviation from it is small). If (1.7), (1.9) are not satisfied, then the author uses the set up

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$$\left. \begin{aligned} p_1(\xi, \eta, t) &= \sum_{i=1}^n t^{\alpha_i-1} \bar{p}_1(\xi, \eta) ; \\ g_1(\xi, \eta, t) &= \sum_{i=1}^n t^{\alpha_i-1} \bar{g}_1(\xi, \eta) , \end{aligned} \right\} \quad (1.14)$$

which makes no principal difficulties, however, causes an extensive work.

The system obtained for determining  $\bar{u}, \bar{v}, \bar{p}, \bar{g}$  is investigated according to the method of characteristics of S. V. Vallander (Ref.8: Vestnik LGU, No. 19, 106-112, 1959). The author especially states that the boundary between the elliptic and hyperbolic domain is given by

$$(u_0 - \xi)^2 + (v_0 - \eta)^2 = a_0^2, \quad (2.9)$$

and is the same as for the automodel motion; see H. F. Ludloff, M. B. Friedman (Ref. 4: J. aeron. sci., 1, 27-34, 1955).

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The axialsymmetric case is treated analogously. The author thanks A. A. Grib, Lecturer for the guidance and S. V. Vallander, Professor, for advices. ✓

There are 2 figures, 7 Soviet-bloc and 2 non-Soviet-bloc references. The two references to English-language publications read as follows: J. B. Keller, A. Blank. Comm. pure app. maths., v.4, 75-94, 1951; H. F. Ludloff, M. B. Friedman. J. aeron. sci., 1, 27-34, 1955.

SUBMITTED: January 28, 1959

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24180

10.1410

S/043/61/000/003/005/008  
D201/D305

AUTHORS: Koldobskaya, T.G. and Sychev, I.A.

TITLE: Irregular shock-wave reflection on curvilinear wall

PERIODICAL: Leningrad. Universitet. Vestnik. Seriya matematiki, mekhaniki i astronomii, no. 3, 1961, 111-120

TEXT: The effect is investigated of the curvature of a cylindrical reflecting wall on the pressure exerted on it by the diffraction and irregular reflection of a plane shock wave. The method of T. G. Koldobskaya (Ref. 7: Zadacha o neustanovivshemsya dvizhenii, blizkom k avtomodel'nomu. Vestnik Leningr. un-ta, no. 1, 111-122, 1960) is adopted, based on the assumption that the investigated flow resembles a self-simulating progressive flow which arises by reflection of the same shock wave on a wedge nearly similar to the cylindrical surface. The profile (of small curvature) of the cylindrical surface is  $y = \operatorname{tg} \omega \cdot x + c_1 x^\alpha$ , (1.1)

where  $\omega$  is the semi-angle of the wedge;  $c_1$  and  $\alpha$  are constants chosen in accordance with the shape of the profile. The problem

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of irregular reflection of the same shock wave on the wedge  $y = tg \omega \cdot x$  is considered to have a known solution. The flow determined by that solution is called self-simulating. The sought after functions are:  $u, v$  - the projections of the velocity  $w$  on the  $x$ - and  $y$ -axes (Fig. 1);  $p$  - the pressure;  $\rho$  - the density. In its general formulation, the problem can be numerically solved by the method of nets. The author proceeds to determine the flow parameters for an actual profile of type (1.1). With some additional assumptions, the problem is readily solved by the above method and the results for the line MS (Fig. 1) which are important in practice, can be obtained analytically. To obtain the initial data for computations and verifying the basic assumption of the method, experiments in a shock tube were conducted. The parameters of the waves and flow were found from photographs taken by means of the Tepler apparatus. A comparison of shadowgraphs showed that the fronts of the waves reflected by the wedge and by the cylindrical wall practically coincide. The difference in the corresponding Mach waves is small. The flow parameters on surface of reflecting wall are determined. For  $\bar{\sigma}$  (which characterizes the change in entropy of the flow near the

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Irregular shock-wave...

wedge) the expression

$$\bar{\sigma} = e^{\int_{s_0}^s r(s) ds} \left[ \bar{\sigma}_0 + \int_{s_0}^s q(s) e^{-\int_{s_0}^s r(s) ds} ds \right], \quad (3.7)$$

is obtained as the solution of a differential equation. The solution for  $\bar{p}$  is

$$\bar{p} = \frac{p_0}{p_{OM}} \left[ \bar{p}_M + \int_{s_M}^s F(s) \frac{p_{OM}}{p_0} ds \right]. \quad (3.9)$$

The greatest change in the flow parameters for the cylindrical profile as compared to the wedge, takes place on the line MS (Fig. 1). The maximum change in parameters at M, compared with existing values for shock reflection by the wedge, constitutes: For pressure - 30%, for density - 15% and for velocity - 29%. The parameters were determined to within an accuracy of 10%. There are 5 figures and 8 references: 5 Soviet-bloc and 3 non-Soviet-bloc. The references to the English-language publications read as follows: M.J. Lighthill. The diffraction of blast I. Proc. Roy. Soc., A 198, 454-470, London, 1949; H.F. Ludloff, M.B. Friedman. Aerodynamics of blasts diffrac-

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Irregular shock-wave...

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tion of blast around corners. J. aeron. sci., I, 27-34, 1955.  
[Abstracter's note: Ref. 3: H.F. Ludloff: Aerodinamika vzryvnykh  
voln - is a translation into Russian]

Fig. 1: Diagram of  
irregular shock-wave  
reflection

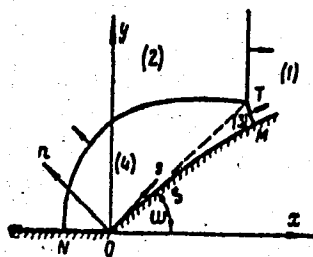


Рис. 1. Схема нерегулярного  
отражения ударной волны.

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KOLDOBSKAYA, T.G.; SYCHEV, I.A.

Irregular reflection of shock waves from a curvilinear wall  
[with summary in English]. Vest. LGU no.13:111-120 '61.

(Shock waves)

(MIRA 14:7)

PHASE I BOOK EXPLOITATION SOV/6156

Cherkasova, L. S., K. V. Fomichenko, T. M. Mironova, F. D. Koldobskaya,  
V. A. Kukushkina, V. G. Remberger

Ioniziruyushcheye izlucheniye i obmen veshchestv (Ionizing Radiation and  
Metabolism). Minsk, Izd-vo AN BSSR, 1962, 152 p. Errata slip inserted.  
2,200 copies printed.

Sponsoring Agency: Akademiya nauk Belorusskoy SSR. Institut fiziologii.

Resp. Ed.: L. S. Cherkasova; Ed. of Publishing House: T. Zaytseva;  
Tech. Ed.: A. Atlas.

**PURPOSE:** This book is intended for physicians, biologists, biochemists,  
radiologists, and students of medical institutes.

**COVERAGE:** This monograph summarizes the results of the most recent in-  
vestigations in the field of radiation biochemistry. Attention has been

Card 1/1

2

KOLDOBSKIY, A.G.; MEDVEDEV, S.I.; PISKOPPEL', F.G.; YAKOBSON, M.G. (principal  
uchastnye: BERKHIN, I.B.; OSLIKOVSKAYA, Ye.S.; PEREKISLOVA, A.M.;  
LITVIN, V.M.; PARKHOMENKO, Ye.V.; STOTIK, A.M.; SHAPIRO, T.I.; STRU-  
MILIN, S.G., akad., glav. red.; ALEKSEENKO, G.V., red.; ANISIMOV, N.I.,  
red.; VOLODARSKIY, L.M., red.; GERSHBERG, S.R., redaktor;  
red.; PETROV, A.I., red.; POSVIANSKIY, S.S., red.; BAZAROVA, G.V.,  
kand. ekonom. nauk, starshiy nauchnyy red.; KISEL'MAN, S.M., starshiy  
nauchnyy red.; LIVANSKAYA, F.V., kand. ekonom. nauk, starshiy nauchnyy  
red.; GLAGOLEV, V.S., nauchnyy red.; NEDBAYEV, V.I., nauchnyy red.;  
TUMANOVA, N.L., nauchnyy red.; TOVMASYAN, M.E., red.; BLAGODARSKAYA,  
Ye.V., mladshiy red.; SHUSTROVA, V.M., mladshiy red.; ZENTSEL'SKAYA,  
Ch.A., tekhn. red.

[The economic life of the U.S.S.R.; chronicle of events and facts,  
1917-1959] Ekonomicheskaya zhizn' SSSR; khronika sobytii i faktov  
1917-1959. Glav. red. S.G.Strumilin. Chleny red. kollegii: Alekseenko  
i dr. Moskva, Gos. nauchn.izd-vo "Sovetskaya entsiklopediya," 1961.  
779 p. (MIRA 14:10)

1. TSentral'naya nauchnaya sel'skokhozyaystvennaya biblioteka Vse-  
soyuznoy akademii sel'skokhozyaystvennykh nauk im. Lenina (for Litvin,  
Parkhomenko, STOTIK, Shapiro).  
(Russia--Economic conditions)

KOLDOBSKIY, A. M.

Otorhinolaryngologic organs in epidemic influenza. Klin. med.,  
Moskva 29 no.8:67-70 Aug 1951. (CJML 20:11)

1. Of the Clinic for the Ear, Throat, and Nose (Head of Staff  
Prof. B. F. Undrits, Corresponding Member AMS USSR) and of the  
Propedeutic Therapeutic Clinic (Director -- Prof. M. D.  
Tushinskiy, Active Member AMS USSR), First Leningrad Medical  
Institute imeni Academician I. P. Pavlov, Leningrad.



KOLDOBSKIY, A. M.

"Effect of Food Factors on the Structure of the Tonsils and on the Clinical Aspect of Tonsillitis." Cand Med Sci, First Leningrad Medical Inst, Leningrad, 1953. (RZhBiol, No. 8, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions. (16)

KOLDOBSKIY, A. M.

KOLDOBSKIY, A. M. -- "Significance of Biological Reactions in the  
Diagnosis and Determination of the Curability of Gonorrhea."  
First Leningrad Med Inst imeni Academician I. P. Pavlov, Chair  
of Urology, Leningrad, 1955. (Dissertations for the Degree  
of Candidate of Medical Sciences)

SO: Knizhnaya Leningrad: No. 39, 24 Sept 55

KOLDOESKIY, B. I., RAZORENOV, V. I.

Electric Lighting, Fluorescent .

Several new designs of reflectors for fluorescent lamps. Tekst. prom., No. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Uncl.

2

KOLDOBSKIY, B. I.; RAZORENOV, V. I.

Electric Lighting, Fluorescent

Several new designs of reflectors for fluorescent lamps. Tekst. prom., No. 1, 1952

9. Monthly List of Russian Accessions, Library of Congress, March 1957, Uncl.

2

8(0)

SOV/112-59-1-698

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 1,  
pp 92-93 (USSR)

AUTHOR: Lyuter, R. A., Samoylovich, N. Ya., and Koldobskiy, M. I.

TITLE: Thermal Durability of Squirrel-Cage-Rotor AC Electric Machinery

PERIODICAL: Elektrosila, Nr 15, 1957, pp 29-42

ABSTRACT: Heating of induction and synchronous motors is examined under these conditions: starting, undervoltage operation, cutting-off one phase of the synchronous motor, overload up to the limit of steady-state stability, and excitation loss. Temperature rise in  $^{\circ}\text{C}$  of the starting rotor winding during the starting period is  $\Theta_c = C; (1 - e^{-t_n/T_s})$ , where  $w$  is the average value of losses during starting per unit surface of bars in  $\text{w}/\text{cm}^2$ ;  $C = 20-100$  degrees  $\cdot \text{cm}^2/\text{w}$  is the heating constant of piece bars over the steel (it depends on the tightness of bar-steel contact), roughly  $C \approx 50$ ;  $T_s$  is the time constant of bar heating for round copper bars; with  $C = 50$ ,  $T_s \approx 44$   $d_c$  per sec, where  $d_c$  is

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the bar diameter in cm;  $t_n = \frac{T_m M_H}{M_n K_u}$  is the starting time in seconds.

(Translator's note: Apparently, the first formula is incorrectly typeset in the Russian original.) The quantity of heat evolved in the rotor over the starting period with the initial slip  $s$  of the rotating rotor is

$$Q_p = \frac{s^2}{2} T_m M_H \frac{1}{K_u} \text{ in kw. sec, where}$$

$$T_m = \frac{27.4 GD^2 (n_n/100)^2}{M_H} \text{ is the mechanical time constant in sec;}$$

$$\frac{1}{K_u} \approx \frac{1}{1 - M_c/M_n}; M_H \text{ is the rated motor torque in synchronous kw; } n_n \text{ is rated rpm; } M_n \text{ and } M_c \text{ are the starting torque and the resistance torque of the drive (in$$

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synchronous kw), both being functions of the slip  $s$  in the general case;  $GD^2$  is the flywheel effect of all spinning masses in  $\text{ton} \cdot \text{m}^2$ . In simplified calculations, under the assumption of adiabatic heating, the temperature rise over the starting period of the rotor starting winding made from copper, brass, or bronze can be computed from the formula  $\Theta = 1.28 \frac{t_n M_n}{G} k_k k_b$  in  $^\circ\text{C}$  where  $G$  is the starting winding weight in kg; the coefficients  $k_k = 0.80-0.90$  and  $k_b = 1$  for a single-cage winding;  $k_k k_b = 0.60-0.75$  for a double-cage motor whose upper cage weighs  $G$ . Assuming one hot starting and two cold startings with the rotor temperature rise of  $\frac{\Theta_{\max}}{k_k k_b} = 250^\circ\text{C}$  for single-cage induction motors and  $300^\circ\text{C}$  for synchronous and double-cage induction motors, the maximum starting time permissible by rotor heating conditions will be  $t_{n \max} = 195 \frac{G}{M_n}$  for single-cage induction motors and

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Thermal Durability of Squirrel-Cage-Rotor AC Electric Machinery

$t_{n \max} = 235 \frac{G}{M_n}$  for synchronous and double-cage induction motors. On the basis of stator heating conditions, assuming a temperature rise of 35-40°C per one starting for class-A insulation windings and of 50-55°C for class-B insulation windings, the permissible starting time in seconds will be

$t'_{n \max} = \frac{7,850}{j_{nH}^2}$  for class-A insulated windings and  $t'_{n \max} = \frac{10,500}{j_{nH}^2}$  for class-B insulated windings, where  $j_{nH}$  is the initial starting current density in amp/mm<sup>2</sup>. Estimated values of permissible starting time are between 4 and 15 sec. In 3-kv synchronous and induction motors, the starting time is limited by rotor overheating, while in 6-kv induction motors, by stator overheating. With an undervoltage and motor operation within its stable range, the permissible time of operation with the voltage  $1 - p$  as a fraction of the rated

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SOV/112-59-1-698

# Thermal Durability of Squirrel-Cage-Rotor AC Electric Machinery

voltage is  $t'_p = \frac{1.25}{I_p^2 - 1} t_{1.5}$  in seconds, where  $t_{1.5}$  is the standard

permitted 50%-current overload time (GOST 183-55 specifies 60 and 120 sec); the stator current in induction machines  $I_p$  as a fraction of the rated current is determined, for undervoltage conditions, from the current diagram for the specified active power; in the synchronous machines the field current, as a fraction of the rated current, for undervoltage conditions, should be determined from the vector diagram for the field current. In case of a considerable

undervoltage, the deceleration time of the motor is  $T' = T_m \frac{M_H}{M_c - M_H / (1 - p^2 cdk)}$ .

Over the time required to attain the slip  $s$  the rotor-winding temperature rise

will be  $\Theta'_s = 1.28 \frac{T' M_H (1 - p)^2 s^2}{G} k_k k_b$  in °C.

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# Thermal Durability of Squirrel-Cage-Rotor AC Electric Machinery

The permissible speed drop, for undervoltage conditions, can be determined from this rule: over the deceleration time down to the slip  $s$  and over the subsequent speed-rise time on voltage recovery, the rotor-winding temperature rise should not exceed the specified value  $\Theta_{\max}$  in  $^{\circ}\text{C}$ . Hence,

$$s = \sqrt{\frac{\Theta_{\max} G}{1.28 [T' M_n (1 - p)^2 + T_m M_n / k_u] k_k k_b}}$$

When the motor is operating with one phase cutoff, its stator current is equal to the line-to-line voltage divided by the sum of positive-phase-sequence and negative-phase-sequence impedances. The time of one-phase-off operation is largely determined by heating the rotor with negative-phase-sequence currents

$I_2$  (b q/e). The quantity  $A_2 = \int_0^t I_2^2 dt$ , where  $t$  in seconds should not exceed

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**Thermal Durability of Squirrel-Cage-Rotor AC Electric Machinery**

120-150 for induction motors, about 60 for synchronous motors (except for 2-pole types), and about 30 for 2-pole synchronous motors. Permissible time of under-load operation of a synchronous motor on loss of field can be determined in a way similar to the undervoltage case, i.e., considering the value of stator or rotor current and the value of  $t_{1.5}$ .

Ye. Ya. K.

Card 7/7

KOLDOBSKIY, S.Y.; MIKHAYLOVA, V.B.

Asphalt concrete based on bitumen, oxidized in the Proventsev  
device. Avt.der.19 no.8:12 Ag '56. (MIRA 9:10)  
(Pavements, Bitumeneus)

KOLDOBSKIY, S.V.; SLOVINSKIY, N.A.; ANTONOV, Ye.A.; ARZHAYEV, I.S.;  
ZHORNOV, B.I.

Main highway of friendship. Avt.dor. 28 no.8:14-18 Ag '65.  
(MIRA 18:11)

IVANOV, V.P.; KOLDOBSKIY, V.L.

Materials on the history of the peat industry in Russia in the  
first half of the 19th century. Torf.prom. 36 no.2:25-27 '59.  
(MIRA 12:4)

1. Glavnoye arkhivnoye upravleniye.  
(Russia--Peat industry)

*noted by J. M.*

USSR/General Problems. Methodology, History, Scientific Institutions and A  
Conferences, Instruction, Questions Concerning Bibliography and  
Scientific Documentation.

Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 3460.

Author : N. A. Smirnov, A. S. Yablonskiy, V. A. Fefilov, Z. N. Pukhovitskaya,  
Ya. M. Koldobskiy.

Inst :

Title : Development of Leningrad Bread Baking Industry.

Orig Pub: in symposium: Pishchevaya prom-st', L., Sel'khozgiz, 1957,  
23-41.

Abstract: No abstract.

19.17.  
ZBARSKIY, N.Sh.; KOLDOBSKIY, Ya.M.

Use of the N.F. Gatilin bunker dough mixer. Khleb. i kond. prem.  
1, no. 2:36-39 F '57. (MIRA 10:4)

1. Leningradskiy trest Moglavkhleba.  
(Mixing machinery) (Bakers and bakeries--Equipment and supplies)



KOLDOMASOV, L.I.; SIVAYEVA, O.T., red.

[Climate of Western Siberia] Klimat Zapadnoi Sibiri. Novosibirsk,  
Novosibgiz, 1947. 56 p. (MIRA 15:1)  
(Siberia, Western--Climate)

SUSNIKOV, Aleksandr Alekseyevich; KALACHEV, Valeriy Aleksandrovich;  
LAPIR, Flaviy Al'bertovich; ROZANOV, Nikolay Petrovich;  
POLOMKYEV, Aleksandr Alekseyevich; SHAGINOV, D.L., dotsent,  
retsensent; KOLDOMASOV, Ye.I., red.; DANILOV, L.N., red. izd-va;  
MODUL', B.I., tekhn.red.

[Equipment for plants manufacturing reinforced-concrete products]  
Oborudovanie zavodov zhelezobetonnykh izdelii. Moskva, Gos.  
nauchno-tekhn.isd-vo mashinostroit.lit-ry, 1960. 209 p.  
(Precast concrete) (MIRA 13:12)

GONCHAREVICH, Igor' Pomich; SERGEYEV, Petr Aleksandrovich; PETRUN'KIN,  
L.P., inzh., retsenzent; KOLDOMASOV, Ya.I., red.;  
BYSTRITSKAYA, V.V., red.-izd-va; UVAROVA, A.F., tekhn. red.

[Vibratory machines in construction] Vibratsionnye mashiny v  
stroitel'stve; osnovy teorii, proektirovaniia i rascheta.  
Moskva, Mashgis, 1963. 310 p. (MIRA 16:5)  
(Vibrators)

KUROVSKIY, F.M.; KOL'DOMASOV, Ye.I., red.; TUCHKOVA, L.K., inzh.,  
red.izd-va; EL'KIND, V.D., tekhn. red.

[Theory of flat mechanisms with flexible links] Teoriya plo-  
skikh mekhanizmov s gibkimi sven'iami. Moskva, Mashgis, 1963.  
203 p.

(MIRA 16:10)

(Mechanisms)

MASLOV, V.V.; ORZHAKHOVSKIY, M.L.; KOLDOMASOV, Ye.I., red.

[Manufacture of machinery industry equipment for  
countries with tropical climates] Izgotovlenie mashi-  
nostroitel'nogo oborudovaniia dlia stran s tropicheskim  
klimatom. Moskva, Mashinostroenie, 1964. 270 p.  
(MIRA 18:1)

KOLDOMASOV, A. U.

Povysit' rol rechnogo transporta v gruzooborote strany. [To increase the participation of river transport in the general freight traffic.] (Narodnoe khozvo SSSR, 1948, no. 2, p. 396-406).

DLC: H0331.W34

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

KOLDOMASOV, Yu.I.; DLUGACH, B.A., red.; SMOLYANSKIY, Ya.B., red;  
KHITROV, P.A., tekhn, red.

[Fundamentals of the planning of railroad freight transportation] Osnovy planirovaniia perevozok na zheleznodorozhnom transporte. Moskva, Transzheldorizdat, 1949. 298 p.

(MIRA 15:4)

(Railroads--Freight)

KOLDOMASOV, Yu, I,

"Hauling Timber on USSR Railroads" Osnovy Planirovaniya Perevozok na  
Zheleznodorozhnom Transporte Gosudarstvennoye Transportnoye  
Zheleznodorozhnoye Izdatel'stvo 1949 pp 197-204, 272-281



KOLDOMASOV, YU. I.

Streamlining of railroad transportation. Izd. 2., pererab. i dop. Moskva, Gos. transp. zhel-dor  
izd-vo, 1950. 108 p. (Ekonomicheskaya biblioteka zheleznodorozhnika) (55-29891)

HE3137.K6 1950a

KOLDOMASOV, <sup>Y</sup> I.

Za dal'neishuiu ratsionalizatsiiu gruzooborota zheleznodorozhnogo transporta,  
[ For further rationalization of freight traffic in railroad transportation ].  
(Planovoe khoz-vo, 1951, no. 2, p . 66).

DLC: HC331.P52

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress  
Reference Department, Washington, 1952, Unclassified.

KOLDOMASOV, J. Technical Scientist.

Mobilization of Reserve Craft for Maritime Transports; by J. Koldomasov,  
Technical Scientist.

"Merchant Fleet", Issue No. 1 (Jan '52)

KOLICMASOV, YU.

Volga-Don Canal

National economic significance of the Lenin Volga-Don navigable canal. Plan.khoz.  
No. 4, 1952

9. Monthly List of Russian Accessions, Library of Congress, December 197~~8~~, Uncl.  
2

KOLLOMASOV, YU. I.

Volga-Don-Canal

Significance for transportation of the Volga-Don Canal. Rech.transp. 12 No. 4  
1952.

9. Monthly List of Russian Accessions, Library of Congress, October 1957, Uncl.

2

1. KOLDOMASOV, YU.
2. USSR (600)
4. Railroads-Frieght
7. Effective cooperation in the work of sea and railroad transportation under the new five year plan. Mor.flot 12 no. 11, 1952.
9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

1. KOLDOMASOV, YU.
2. USSR 600
4. Railroads - Freight
7. Eliminating unprofitable transports is an important task of the national economy, Za ekon. mat, No. 1, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

KOLDOMASOV, Yu.I.; KRISHTAL', L.I., redaktor; KANDYKIN, A.Ye., tekhnicheskiy redaktor.

[Efficient haulage in railroad transportation] Ratsionalizatsiia perevozok na shelesnodorozhnom transporte. Izd. 2-e, perer. i dop. Moskva, Gos. transp. shel-dor. izd-vo, 1954. 108 p. [Microfilm]  
(Railroads--Freight) (MLRA 8:2)



KOLDOMASOV, Yu.

Influence of transportation on the distribution of industry  
("Transportation and the distribution of industry" by N.D.  
Khamukov. Reviewed by IU, Koldomasov). Vop. ekon. no.1:132-138  
Ja '58. (MIRA 11:3)

(Industry, Location of)  
(Transportation)  
(Khamukov, N.D.)

KOLDOMASOV, Yu. I., kand. tekhn. nauk.

Prospects for growth in transportation. Zhel. dor. transp. 40 no.2:  
18-23 F '58.

(MIRA 11:3)

(Railroads--Freight)

KOLDOMASOV, Yuriy. Ivanovich, kand.tekhn.nauk; VORONOV, V.V., red.;  
PONOMAREVA, A.A., tekhn.red.

[Accounting for the product, equipment and supplies in the  
planning of the national economy] Metod material'nykh  
balansov v planirovanii narodnogo khoziaistva. Moskva,  
Gosplanizdat, 1959. 102 p. (MIRA 12:7)  
(Russia--Economic policy)

KOLDOMASOV, Yu.

Rationalizing interregional economic relations in the seven-  
year plan. Vop.ekon. no.1:26-34 Ja '59. (MIRA 12:1)  
(Transportation)

KOLDOMASOV, Yuriy Ivanovich; SPERL'NIKOVA, M.A., red.; PONOMAREVA, A.A.,  
tekhn. red.

[Planning the supply of materials and equipment for the national economy of the U.S.S.R.] Planirovanie material'no-tekhnicheskogo snabzheniia narodnogo khoziaistva v SSSR. Moskva, Gosplanizdat, 1961. 115 p. (MIRA 14:3)

1. Gosudarstvennyy nauchno-ekonomicheskiy sovet Soveta Ministrov SSSR (for Koldomasov).  
(Industrial procurement)

(KOLDOMASOV, Yu.I.; MILIUKIN. F.P., retsenzents; RYSHCHUK, N.S., red.;  
USENKO, L.A., tekhn.red.

[Comprehensive development of Soviet transportation] Kompleksnoe  
razvitiie transporta SSSR. Moskva, Vses.izdatel'sko-poligr.ob"edi-  
nenie M-va putei soobshcheniia, 1961. 179 p.  
(Transportation)

(MIRA 14:6)

KOLDOMASOV, Yu., kand.tekhn.nauk

Integrated transportation system in the U.S.S.R. Mor. flot.  
#2 no.2:4-6 F '62. (MIRA 15:4)

1. Nachal'nik Otdela Gosudarstvennogo nauchno-ekonomicheskogo  
Soveta Ministrov SSSR.

(Transportation)

BOGDANOV, N.; KOLDOMASOV, Yu.

Improving the efficiency of the traffic flow of fuel. Vop. ekon.  
no.8:47-55 Ag '62. (MIRA 15:8)

(Fuel--Transportation)



BOGDANOV, Nikolay Kirillovich, KOLDOMASOV, Yu. I., spets. red.; SMIRNOV,  
Ye. I., red.; GERASIMOVA, Ye. S., tekhn. red.

[Freight transportation and tariffs] Gruzovye perevozki i ta-  
rifi. Moskva, Ekonomizdat, 1963. 399 p. (MIRA 16:8)  
(Freight and freightage)

MINGALEV, Yu.A.; VERETENNIKOV, V.F.; KORLYAKOV, P.A.; KOLDOMOV, A.S.

The PL-1 conveyor-loader. *Biul.tekh.-ekon.inform.Gos.nauch.-issl.*  
*inst.nauch.i tekhn.inform.* no.9:13-14 '63. (MIRA 16:10)

YASTREBOV, A.F.; MASTENITSA, M.A.; KOLDOMOV, M.V.; KOROLENKO, G.A.  
RAGOZINA, T.T.; VILENCHIK, R.Yu.

Lung diseases of adenoviral nature in Pavlovsk District,  
Altai Territory. Trudy TomNIIVS 14:60-64 '63. (MIRA 17:7)

1. Tomskiy nauchno-issledovatel'skiy institut vaktsin i  
syvorotok i Altayskiy krayevoy otdel zdravookhraneniya.

KOLDOMSKIY, Yuriy Ivanovich; EYDEL'MAN, B.I., red.; PONOMAREVA,  
A.A., tekhn. red.

[Economic ties in the national economy of the U.S.S.R.] Eko-  
nomicheskie svyazi v narodnom khoziaistve SSSR. Moskva, Eko-  
nomizdat, 1963. 430 p. (MIRA 16:10)  
(Transportation) (Russia--Industries)

124-57-1-1270D

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 1, p 174 (USSR)

AUTHOR: Koldorkin, R. G.

TITLE: An Experimental-analytical Method for the Determination of the Areas, Moments of Inertia, and Resistance Moments ( $I_k$  and  $W_k$ ) of Drills, Rose Reamers, Fluted Reamers, and Cylindrical End Milling Cutters (Eksperimental'no-analiticheskiy metod opredeleniya ploshchadey, momentov inertsii i momentov soprotivleniya ( $I_k$  i  $W_k$ ) sverl, zenkerov, razvertok i kontsevykh tsilindricheskikh frez)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Technical Sciences, presented to the Gor'kovsk. politekhn. in-t (Gor'kiy Polytechnic Institute), Gor'kiy

ASSOCIATION: Gor'kovsk. politekhn. in-t (Gor'kiy Polytechnic Institute), Gor'kiy, 1955

1. Drills--Operation--Mathematical analysis 2. Reamers--Operation--Mathematical analysis 3. Milling cutters--Operation--Mathematical analysis 4. Machine tools--Operation--Bibliography

Card 1/1

SOV/124-58-4-4663

Translation from: Referativnyy zhurnal, Mekhaniak, 1958, Nr 4, p 142 (USSR)

AUTHOR: — Koldorkin, R. G.

TITLE: Determination of the Moment of Inertia of a Composite Cross  
Section (Opredeleniye momenta inertsii slozhnogo poperechnogo  
secheniya)

PERIODICAL: Tr. Gor'kovsk. politekhn. in-ta, 1957, Vol 13, Nr 4, pp 105-  
111

ABSTRACT: Bibliographic entry

1. Materials--Mathematical analysis

Card 1/1

SEMENOV, Yu.N.; ZHINKIN, D.Ya.; KUZNETSOVA, A.G.; KOLDORKIN, R.G.

Brief reports. Zav.lab. 24 no.2:192 '58. (MIRA 11:3)

1.Gor'kovskiy politekhnicheskoy institut im. A.A. Zhdanova (for  
Semenov, Koldorkin).

(Specific gravity) (Paint--Testing)

KOLDORIN, R.G., kand.tekhn.nauk

Determining moments of inertia and moments of resistance of  
complicated cross sections. Trudy GPI 15 no.3:36-43 '59.

(MIRA 14:10)

(Strength of materials---Testing)



KOLDORKIN, R.G., kand.tekhn.nauk

, Using the method of the displacement of a liquid in determining  
the areas of cross sections. Trudy GPI 15 no.3:44-51 '59.  
(Measuring instruments) (MIRA 14:10)

KOLDOVKIN, A.Ya.; BODAN, A.N.

Synthetic fatty acids and method for calculating the continuous distillation. Khim.i tekhn.topl. no.6:1-8 Je '56. (MLBA 9:9)

1.Ukrnefteproyekt.

(Distillation, Fractional) (Acids, Fatty)

*Koldovkin, A. Ya.*

**AUTHORS:** Koldovkin, A.Ya. and Bodan, A.I.

65-7-6/14

**TITLE:** A Scheme of Single Filter Pressing in the Production of Paraffin (Skhema odnokratnogo fil'trpressovaniya v prafinovom proizvodstve)

**PERIODICAL:** Khimiya i Tekhnologiya Topliva i Masel, 1957, No.7, pp. 31 - 39 (USSR).

**ABSTRACT:** An analysis of the existing schemes for the production of paraffin (Groznen'skiy, Fig.1 and Drogobychskiy, Fig.2) with particular reference to the scheme of single filtration (Fig.3) is given. It is concluded that the process of single filtration is the most rational; it does not present any technical difficulties and can be carried out on existing installations. There are 3 figures, 2 tables and 11 references, 7 of which are Russian, 3 English and 1 French.

**ASSOCIATION:** Ukrnefteproyekt

**AVAILABLE:** Library of Congress  
Card 1/1

KOLDOVKIN, A.Ya., inzh.; Prinimali uchastiye: KHOKHRYAKOV, P.A., dotsent;  
BONDARENKO, B.I., dotsent

Choice of a phenol-reclamation flowsheet in selective refining of  
oils. Nauch.zap.Ukrniiproekta no.4:132-140 '61. (MIRA 15:1)  
(Phenols) (Petroleum--Refining)

ACCESSION NR: AT3013147

S/3018/63/000/000/0589/0596

AUTHOR: Cherkasova, L. S.; Remberger, V. G.; Mironova, T. M.;  
Koldovskaya, E. D.

TITLE: Carbohydrate-phosphorus metabolism in the brain with total  
X-irradiation

SOURCE: Tret'ya Vsesoyuznaya konferentsiya po biokhimii nervnoy  
sistemy. Sbornik dokladov. Yerevan, 1963, 589-596

TOPIC TAGS: brain carbohydrate metabolism, brain phosphorus  
metabolism, carbohydrate-phosphorus metabolism, brain tissue, single  
X-radiation dose, fractional X-radiation dose, free glycogen,  
protein-bound glycogen, lipid-bound glycogen, total glycogen,  
glucose-1-phosphate, glucose-6-phosphate, fructose-1,6-diphosphate,  
phosphopyruvic acid, carbohydrate metabolism radiation damage

ABSTRACT: The effects of single and fractional X-radiation doses on  
brain metabolism were investigated by determining levels of glycogen  
fractions (free, protein-bound, lipid-bound, and total glycogen) and  
levels of carbohydrate metabolism intermediate products containing  
phosphorus (glucose-1-phosphate, glucose-6-phosphate, fructose-1,6-

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ACCESSION NR: AT3013147

diphosphate, and phosphopyruvic acid). Experimental white rats were X-irradiated with single total doses of 700 r (RUM-3 unit, no filter, focal length 30 cm, 38 r/min) and 40 r (RUM-3 unit, focal length 40 cm, 21 r/min). Animals were X-irradiated under the same conditions with daily 40 r fractional doses totaling 120 and 760 r. Methods for measuring glycogen fractions and products containing phosphorus are not described. Observations were made 1, 2, 5, 15, 30, 60, and 90 days after irradiation. Findings show that a single 700 r dose causes the most significant glycogen metabolism changes. With a 700 r dose glycogen accumulates in the brain between the 30th and 60th days, lipoid-bound glycogen level drops below normal on the 2nd day reaching its norm by the 60th day, protein-bound glycogen is high at all periods, and free glycogen level is unsteady. A single 40 r dose causes less marked changes with a reduction in lipoid-bound glycogen level on the 60th day and a slight decrease in protein-bound glycogen and total glycogen levels. Fractional radiation doses totaling 700 r produce relatively small changes in all glycogen fraction levels because of compensatory processes taking place after each dose. For carbohydrate metabolism intermediate products containing phosphorus, fractional doses totaling 760 r cause the most significant shifts. With fractional doses totaling 760 r, glucose-1-

Card 2/3

ACCESSION NR: AT3013147

and glucose-6-phosphate levels increase in the brain tissue from the 15th to the 90th days. Fructose-1,6-diphosphate level does not change during the first 15 days, decreases by the 30th day, increases by the 60th day, and then decreases again. Phosphopyruvic acid level decreases on the 60th day after irradiation but remains close to normal at all other periods. Fractional radiation doses totaling 760 r affect glycogen metabolism less than a single 700 r dose and cause more serious damage to carbohydrate metabolism intermediate products. Carbohydrate-phosphorus metabolism disorders sharply reduce the utilization of brain tissue energy substances during radiation injuries. Orig. art. has: 4 figures.

ASSOCIATION: Laboratoriya biokhimii instituta fiziologii AN BSSR, Minsk (Biochemistry Laboratory of the Physiology Institute, AN BSSR)

SUBMITTED: 00

DATE ACQ: 28Oct63

ENCL: 00

SUB CODE: AM

NO REF SOV: 015

OTHER: 000

Card 3/3

KOLDOVSKIY, A.M.

Otorhinolaryngological organs in influenza. Trudy AMN SSSR 28:  
183-189 '53. (MLRA 7:8)

1. Is kliniki ukha, gorla i nosa i propedevticheskoy terapevticheskoy kliniki I Leningradskogo meditsinskogo instituta im. akad. I.P.Pavlova i Otdela virusologii Instituta eksperimental'noy meditsiny.  
(OTORHINOLARYNGOLOGY,  
otorhinolaryngol. organs in influenza)  
(INFLUENZA, physiology,  
otorhinolaryngol. organs)



IYEZUITOVA, N.N.; TIMOFEEVA, N.M.; KOLDOVSKIY, O.K.; NURKS, Ya.Ya.;  
UGOLEV, A.M.

Postnatal development of the enzymatic activity of the surface of the small intestine in rats (invertase, peptidase, lipase). Dokl. AN SSSR 154 no.4:990-993 F '64.

(MIRA 17:3)

1. Institut fiziologii im. I.P. Pavlova AN SSSR. Predstavleno akademikom A.I. Oparinym.

33567

S/194/61/000/012/043/097  
D256/D303

1.5600

AUTHOR: Ovchinnikov, Yu. M., Dolgorukov, S. V. and Koldovskiy, R. B.

TITLE: Beta-ray thickness gauge БТН-1 (BTP-1) for coatings and its application in the printing industry

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 12, 1961, 27, abstract 12V225 (Radioakt. izotopy i yadern. izlucheniya v nar. kh-ve SSSR, vol. 3, M., Gostoptekhizdat, 1961, 86-89)

TEXT: The instrument consists of a portable measuring head with a stand and an electronic unit; a ring shaped radioactive source includes ~100  $\mu$ curie of  $Tl^{204}$ . The flux of particles reflected from the measured object is registered by a differential ionization chamber. The instrument was devised for measuring the thickness of various coatings on various base materials. The instrument was tested in the Mosgorsovnarkhoz first model typography for chromium layers thickness control of the offset printing moulds. It was

Card 1/2

33567

S/194/61/000/012/043/097  
D256/D303

Beta-ray thickness gauge ....

found possible to measure the thickness from 0 to 3  $\mu$  and from 0 to 10  $\mu$  with a RMS error not exceeding 0.1 and 0.3  $\mu$  respectively. The tests proved the instrument "BTP-1" useful for thickness control of various galvanic deposits. There are 2 figures. [Abstrac-  
tor's note: Complete translation.] X

Card 2/2

**KOLDOVSKY, K.**

**Simulated hemeralopia; relation of hemeralopia to mental  
deficiency. Voj. zdrav. listy 19 no.7-8:181-184 July-Aug.  
1950. (CINL 20:1)**

S/262/62/000/006/018/021  
I007/I207

AUTHOR: Koldovský Karel.

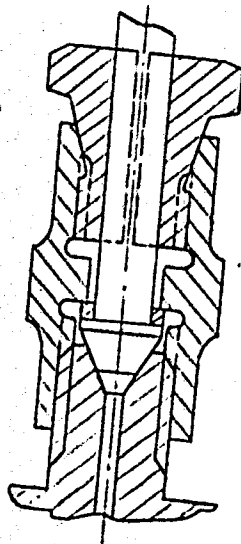
TITLE: Method for connecting heavily stressed tubes

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk. 42. Sil'ovye ustanovki, no.6, 1962, 92, abstract 426466. (Chekhosl. pat., kl. 47 f, 9, no.94632, 15.03.60).

TEXT: In order to eliminate the influence of vibrations on the joints between heavily stressed tubes, a nut of special shape has been designed (see figure). The lower part of the nut fastens the tube end, while the top part, provided with a split cone, is fixed to the basic nut. Lateral stresses in the tube joints are eliminated by bolting up the upper part of the nut. There is 1 figure.

Card 1/2

Method for connecting heavily stressed.. S/262/62/000/006/018/021  
I007/I207



[Abstractor's note: Complete translation.]  
Card 2/2

KOLDOVSKY, Kvetoslav, Col, Dr, Central Military Hospital, Prague

Author of article, "Trachoma in the Light of Soviet Criticism and Experiences,"  
dealing with the experiences of Soviet doctors and scientists in treating  
trachoma.  
(VZL, Oct 54)

SO: Sum. 436, 30 March 1955

KOLDOVSKY, Kvetoslav, MUDr

Antibiotics or sulfonamides in the treatment of trachoma. Cesk.  
ofth. 11 no.4-5:335-340 1955.

(TRACHOMA, therapy

antibiotics & sulfonamides, critical evaluation)

(ANTIBIOTICS, ther. use

trachoma, critical comparison with sulfonamides)

(SULFONAMIDES, ther. use

trachoma, critical comparison with antibiotics)



Koldovsky, M. We photograph clouds. p. 155. KRIDLA VLASTI. PRAHA. No. 7,  
Apr. 1955.

SO: Monthly List of the East European Accession, (EEAL), LC. Vol. 4,  
no. 10, Oct. 1955. Uncl.

KOLDOVSKY, M.

Meteorological conditions for gliding in the course of a year. p. 234.  
KRIDL VLASTI, Prague, no. 10, May 1955.

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 5, No. 6 June 1956, Uncl.

KOLDOVSKY, M.

SCIENCE

Periodicals: STUDIA GEOPHYSICA ET GEODAETICA. Vol. 3, no. 1, 1959

KOLDOVSKY, M. Photographic observation of the development of a thunderstorm cloud. In English. p. 93.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,  
May 1959, Unclass.

Kol Dou sky, M.

21(3)

CZECH/3-59-9-20/39

AUTHOR:

Hordk, J. and Koldovsky, M.

TITLE:

Artificial Radioactivity of the Atmosphere (Umělá radioaktivita ovzduší)

PERIODICAL:

Křídla Vlasti, 1959, Nr 9, pp 16 and 17 (CER)

ABSTRACT:

Authors explain, for the benefit of Civil Defense workers, the origin of artificial radioactivity and the method to measure the amount of radioactivity. There are 2 photos and 3 diagrams.

Card 1/1

Koldovsky, Milan

PHASE I BOOK EXPLOITATION

CZECH/5120

Meteorologie pro sportovní letce (Meteorology for Sports Flyers) Prague, Naše vojsko, 1960. 241 p. 4,000 copies printed. (Series: Kniznice svazarmu, sv. 5)

Ed.: Karel Zelený; Assistant Editors: For Ch. 2: Mojmir Prokopy, Doctor; Ch. 3: Theoretical pt. Mojmir Prokopy, Doctor, and Ivan Cernoch, Chas. 4, 6, and 7: Oldrich Kostka, Doctor; Chs.: 5 and 15: Ladislav Hala, Doctor; Chs.: 8 and 9: Jaroslav Kopáček, Doctor; Ch.: 10: Milan Koldovsky and Jiri Morav; Chs.: 11-14: Jiri Vrbatigott, Doctor; Resp. Ed.: Jiri Hlav.

PURPOSE: This book is intended for sports plane and glider pilots.

COVERAGE: The book, composed to meet the needs of the aeroclubs of Svaz pro spolupraci s armadou (Union for Cooperation With the Army), discusses the principal types of weather phenomena likely to be encountered in flight. The measurement of meteorological elements is described. Meteorological phenomena of particular interest to glider pilots, viz., convection, turbulence, mountain currents, etc., are treated in some detail. Synoptic maps and weather reports are briefly described. Review questions accompany each chapter. No personalities are mentioned. There are 42 references: 7 Soviet, 21 English, 8 Czech, 4 German, and 2 Polish.

Card 1/12

KOLDOVSKY, MILAN  
SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: /not given/

Source: Prague, Studia Geophysica and Geodetica, Vol 5, No 4, 1961, p 377.

Data: Meteorological Photography /In German/, Halle (Saale), Fotokinover-  
lag, 1960. 160 pages.

Author: KOLDOVSKY, Milan

Reviewer: KOPACEK, Jaroslav

GPO 981643

HAHN, P.; KOLDOVSKY, O.; KRECEK, J.; KRECKOVA, J.

Development of aerobic metabolism in the brain of young rats.  
Chekh.fiziol.2 no.2:171-177 '53. (MLRA 7:2)

1. Biologicheskiy institut Chexhoslovatskoy Akademii nauk,  
fiziologicheskoye otdeleniye, Praha. (Brain)

KOLDOVSKY, O.; KRECK, J.; KRECKOVA, J.; MIKULAS, I.

The influence of rearing in the dark on the development of water metabolism in young rats. Chekh fis 2 no.4:267-272 '53. (REAL 3:7)

1. From the Biological Institute of the Czechoslovak Academy of Science, Physiology Department, Prague.

(DARKNESS, effects,

\*on water metab. in young rats)

(WATER, metabolism,

\*eff. of darkness in young rats)



KOLDOVSKY, C., and others.

"Effect of Rearing in the Dark on Development of Water Metabolism in Young Rats." p. 377,  
(CESKOSLOVENSKA FYSIOLOGIE, Vol. 2, No. 4, Dec. 1953, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4  
No. 5, May 1955, Uncl.

HAHN, P.; KOLDOVSKY, O.

Growth and food and water intake by adapted in early stages of development to various environmental temperatures. *Cesk. fysiол.* 7 no.5:462-463 Sept 58.

1. Fysiologicky ustav Csav, Praha.

(TEMPERATURE,

adaptation, eff. on growth & food & water intake in rats (Cz))

(ADAPTATION,

eff. of early adaptation to various temperatures on growth & food intake in rats (Cz))

(GROWTH,

eff. of early adaptation to various temperatures in rats (Cz))

(FOOD,

intake in rats adapted to various temperatures in early stages of develop. (Cz))

HAHN, P.; KOLDOVSKY, O.

Effect of cooling in the presence of two environmental temperatures on certain aspects of energy balance in young rats. Cesk. Fysiol. 7 no.5: 463 Sept 58.

1. Fysiologicky ustav CHAV, Praha.

(COLD, effects,

on metab. in young rats (Cz))

(METABOLISM, TISSUE,

eff. of cold in young rats (Cz))

KOLDOVSKY, O.; HAHN, P.; JIRANEK, J.

Intestinal glucose resorption in rats in ontogenesis. Cesk. fysiол. 7 no.5:  
491-492 Sept 58.

1. Fysiол. ustav CSAV a fysiол. odd. Ustavu pro vyzkum vyzivy lidi, Praha.  
(INTESTINES, physiол.  
glucose resorption in rats, age factor (Cz))  
(GLUCOSE, metab.  
intestinal resorption in rats, age factor (Cz))  
(AGING, effects,  
on intestinal glucose resorption in rats (Cz))

HAHN, P.; KOLDOVSKJ, O.

Age factor in reactions to cold of young rats. Cesk. fysiolo. 8 no.3:  
192 Apr 59.

1. Fysiologicky ustav CSAV, Praha. Predneseno na III. fysiologickych  
dnech v Brne dne 15. 1. 1959.

(COLD, effects,

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(LIVER metab.)

(PROTEINS metab.)

(AGING eff.)



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